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ALAN R. COYNER
Administrator

ACTIVITY AND ACHIEVEMENTS September 2011

ADMINISTRATION (ALAN)

1. Met with Hugh Zhang and Lulu Tan concerning the Buena Vista Valley iron mines and other mining opportunities in Nevada to supply metals to the Chinese market.
2. Assisted Marc Humphries of the Congressional Research Office concerning gold production in Nevada.
3. Assisted Glenn Alexander of Newmont with information regarding AML hard closures on mining claims and private property controlled by Newmont.
4. Met with a concerned citizen in Silver City concerning AML hazards on an adjoining property. Discovered 3 high hazards on what appears to be land owned by Lyon County. Secured the name of the Lyon County commissioner responsible for Silver City area.
5. Facilitated the investigation of an AML site near the Desert Peak geothermal plant brought to our attention by ORMAT.
6. Assisted Russ Fields, Director of the Mackay School, concerning several AML sites in Eureka County which are located on UNR land.
7. Met with representatives from Comstock Mining concerning abandoned mine sites on land controlled by them in Virginia City-Gold Hill-Silver City.
8. Travelled to the National mining district near McDermitt and logged, inventoried, and revisited abandoned mine hazards.
9. Responded to a communication from Michael Cartwright involving improper mine property evaluations.
10. The final version of "Geothermal Wells in Nevada – Frequently Asked Questions" was distributed by Churchill County.
11. Met with Cindy Hill of Magma Energy concerning permitting issues.
12. Provided the value of oil and gas and geothermal energy production for the period 2006 to 2010 to Commissioner Snow.
13. Finalized the 2010 Major Mines publication. Worked with the budget analyst concerning the work program to support the Mackay Recruitment and Retention transfer of \$100,000 and the increase to provide expanded AML work (AML Enhancement) of \$200,000.
14. Provided information to the Nevada Taxpayer's Association for their publication Nevada Tax Facts.
15. Participated in conference calls with NAAML and IOGCC committees.
16. Organized the technical sessions, finalized many last minute details and collected abstracts from speakers for the NAAML annual meeting in October at Squaw Creek.
17. Continued to confirm area reporters for the NWMA annual meeting.
18. Assisted Commissioner Parker in registration for Boards and Commissions training.
19. Attended with Commissioners Gibson, Bryan, and Mudge the memorial service for Jim Taranik, former Director of the Mackay School.
20. Arranged for speakers for the Public Lands session of the IOGCC annual meeting.

21. Visited, with Commissioner Snow, the Gradient Resources drilling rig near Hazen.
22. Attended, with Commissioner Snow, the Mackay EAB tour of the Marigold mine and the Cyanco plant in Winnemucca.

RECLAMATION BOND POOL (DOUG)

1. Issued notice level bonds for Cougar Gold, Rose Gold, Mohawk Drilling, Western Energy Development Corp., and Stevens Gold LLC.
2. Processed releases for Cordex, Bravo Alaska, BH Minerals, Rio Fortuna, Cypress Development and 2 for Golden Odyssey.
3. Met with Linda and Eric Scheetz of the Controller's office regarding the coding for deposits and premiums.

MINING, LAND AND OTHER ISSUES (DOUG)

1. Reviewed 2010 AML report.
2. Worked on Exploration Survey and survey data to Debbie for the graphs.
3. Sent revenue information to Carole Vilardo at the Taxpayers Association.
4. Finalized the annual status and production reports for 2010 with Debbie.

AML / PUBLIC AWARENESS - NORTH (MIKE)

1. Entered data and photos for inventory work conducted at Cordero last week. Prepped data packages and mailed them to representatives from Sunoco and The Source Group. Data CD's were provided to the EPA and BLM-NSO. Assembled and delivered informational packet on Cordero mine AML features, with maps, ID sheets and photos, for BLM contracted archaeologist Stephanie Livingston. Coordinated with BLM and Sunoco contractors regarding two additional AML hazards discovered at the Cordero mine. Attended EPA meeting on Cordero Mine.
2. Conducted inventory work east of Olinghouse. Met with Mitch Fanning (Lake Mountain Mining) and contractor Brian Breiter (EPS) at Olinghouse to discuss how to perform revisits of numerous previously identified hazards and conduct regional inventory of the district with logistical assistance from Lake Mountain personnel. Conducted revisit and AML inventory of hazards in the Olinghouse district with contractor Brian Breiter. Worked to resolve location issues from vintage 1993 unsolicited securing data. Contractor Brian Breiter completed inventory and revisit work near the Olinghouse mine. 21 new hazards and 48 non-hazards were logged, plus 19 revisits.
3. Conducted downhole camera survey on shaft WA-338, located on private property, in order to assist owner in hard closure decision making.
4. Performed preliminary biological assessment with Jenni Jeffers (NDOW) of six AML features on parcel in Silver City owned by Lyon County. Spoke with Lyon County Parks Manager Dan Willis regarding the hazards, how best to hard close them, and their associated costs.
5. Submitted formal request to Michael Truden (BLM-Winnemucca) for the hard closure of the shaft reported near Ormat's Desert Peak geothermal facility. Performed downhole camera survey of shaft, which determined it be an old fully timbered water well, complete with intact ladder 103' down to the bottom, with remnants of PVC plumbing. Provided informational packet to BLM contractor Dr. Livingston and copy of the downhole camera survey to Chris Ross (BLM-NSO).

6. Linda Wimberly (GIS/land manager for large patent holder in Lyon County) called to inquire about means for acquiring information on AML feature locations on their property and the securing requirements. She provided T/R/S information and Rachel created a clip of our AML dataset as shapefiles which were then emailed to her.
7. Received hard closure information from Ken Maas (USFS) on 59 AML features secured by the FS this summer. Data has been entered into AML database for all those previously identified by NDOM. Several are new hazards identified by FS which will be input upon receipt of the inventory sheets. All securing photos have been reviewed and added to archive.
8. Logged seven hazards and 20 non-hazards with Rachel in Silver City.
9. County Sheriff Antinoro regarding their public safety concerns about the Combination mine shaft and any support for its hard closure.
10. Met with Rana Gill (CEO - Gill Resources Group) to discuss AML hazard mitigation and documentation procedures on private and public lands west of Yerington. He has a fencing crew on-site working to secure the many, many features on the patents and leased claims, purchased from John Tom Ross.
11. Communicated with BLM-CC regarding Almaden America's interest in assisting with hard closures of 14 hazards on their claims in Douglas County.
12. Installed bat exclusion wire over shaft CH-625 in advance of hard closure.
13. Performed downhole camera survey of mine shaft in Washoe County to assess for mine complexity and potential bat habitat.
14. Answered questions from BLM on downhole camera specs and usage, provided a DVD as an example of how it's being used to evaluate AML shafts.
15. Entered revisit, logging and securing information into database for recent work in Washoe and Mineral counties.
16. Traveled with Alan to Anaconda mine, met with Tom Dunkelman (EPA) and Taurus Massey (Singatse Peak Services, LLC) to review site before planned NAAML P tour.
17. Completed final draft of 2010 AML Report; submitted copies to administrator and staff for review. George completed the mail-out of the 2010 AML Report to interested parties.
18. Met with WNC geology student Vince Ugalde regarding potential contractor work assisting the AML program.
19. Communicated with Boy Scout James Shipman about AML work for his Eagle Service award project. Sent informational packet to him.
20. Joe Riney (NvMA) provided software script and process review for transferring data to multiple flash drives simultaneously. 275 flash drives will need to be pre-loaded with presentation material for the NAAML P conference and provided to each attendee.
21. Provided "Stay Out, Stay Alive" swag to Tansey Smith (Inter-Tribal Council for Nevada) for distribution at their upcoming Mining Forum.
22. George attended Dayton Valley Days and handed out "Stay Out, Stay Alive" swag to more than 125 participants. (1 presentation – 125 people)
23. Delivered assorted "Stay Out, Stay Alive" swag to Scott Murrellwright (BLM-NSO) for an upcoming presentation in Fernley.
24. Provided "Rocks, Minerals and AML" presentation to two classes of 4th graders at Westergard Elementary School, Reno. (2 presentations – 41 people).
25. Taught "Paste with a Taste" activity to five classes of 2nd graders at Sepulveda Elementary School, Sparks. (5 presentations – 98 people)

26. Conducted “Paste with a Taste” activity to class of 4th graders at Westergard Elementary School, Reno. (1 presentation – 28 people)
27. Communicated with teachers at Borderwich-Bray (Carson), Sepulveda (Sparks) and Westergard (Reno) elementary schools regarding requests for classroom presentations.
28. Sent out “Thank You” letters along with “Letters of Reference” to the summer interns.
29. Completed online refresher course on sexual harassment.

AML / GIS (RACHEL)

1. Worked towards resolving data input errors made by the summer interns. There were several mistakes made when inputting current securing information. These sites were being shown as unsecured when information was queried in ArcMap or Microsoft Access. This information needed to be added so that the new notification letters could be sent out with the least amount of errors.
2. Compiled a map of hazards for the Olinghouse area. Addressed some hazards that were logged but did not have accurate GPS coordinates. Used Google Earth to determine where the hazard was in relation to known landmarks.
3. Spoke with Lora Myles with Lyon County Public Guardians regarding land previously owned by a person they are taking care of. She needed to know if the patented land was still his and their responsibility to secure any hazards on the property. The land status was re-researched and found to be owned by another entity. This information was changed in our records.
4. Traveled to the Walker River Paiute Tribe in Schurz to meet with Fawn Bolton in order to work on addressing BLM logged hazards on Reservation land. Downloaded and updated the database with information collected during field work at Schurz in the previous week.
5. Spoke with Coral Pedlar in Silver City regarding hazards on her property. Will work on conducting a site visit to assess any AML features on her private property.
6. Spoke with Glen Alexander at Newmont regarding options for permanently closing hazards on their claims. He will send a list of sites and project areas that he needs additional information for in order to help them begin assessing the hazards.
7. Began working on compiling a list of known hazards on property controlled by Newmont. Worked towards compiling the information in our database for Newmont into one category so that they no longer receive multiple notification letters from NDOM. Worked on compiling data for Newmont regarding unsecured sites on claims controlled by them. Sent GIS Shapefiles and excel spreadsheets to them showing the location and information of all known AML features.
8. Worked on compiling a map of the Silver City area to be used for field work and attempting to resolve issues with land status and locations of certain hazards.
9. Spoke with Lane Griffin who has been completing securing work for the Gabrych Family Trust. The hazards that they were notified on in March of 2011 have now been secured and he will be sending photo documentation.
10. Compiled a dataset containing hazard and non-hazard information for a claimant who is looking to move forward on securing sites on their property. NV-point data was also included.
11. Spoke with claimants regarding unsecured hazards on claims controlled by their companies/government entities. Sent additional information to Lori Miles with the City of Reno regarding a hazard located on Evans Canyon on the east side of Peavine

Mountain. Also spoke with Roger Haul of Silver Reserve who wanted to know more about backfilling hazards in Sylvania Canyon.

12. Traveled to Silver City with Mike Visher in order to meet with Corral Pedlar who was concerned about abandoned mine features near her home. Logged 4 additional hazards and 10 non hazards in the area. Measured the openings in order to determine the best way to close the hazards since they are so close to Silver City.
13. Spoke with Kevin Conway with Centerra Gold regarding hazards that were secured on claims controlled by the company. He will be sending securing information the NDOM.
14. Responded to e-mails from Thor Rasmussen regarding abandoned mine land features secured on claims controlled by the Rasmussen family in the Manhattan area. Sent an e-mail acknowledging that we received the securing photos and that the information will be added to our records.
15. Entered new securing information received from claimants into the database. Spoke with several claimants regarding the status of pending securing work on claims. Compiled maps and photos for claimants requesting additional information.
16. Began cross-referencing the Clark County photo database with the Carson City database in order to determine what photos out of each group were missing. This is being done in order to ensure that both datasets are complete to the best of our knowledge.
17. Traveled to Las Vegas to work with Deborah Selig on organizing the information required for another mail out of hazard notification letters. Worked with Debbie on updating information collected by contractor Pete Herrera in order to assemble a more accurate representation of how many claimants will need to be notified. Additional land research was also completed in order to update those sites with questionable ownership.
18. Worked with Debbie Selig on querying the database in order to send out a second round of hazard notification letters. Worked on developing a better way to select owners to notify and ensure that these sites are not secured. Once a list of sites and owners was compiled, the data was then checked to determine if these sites had already been secured, were on a list to secure or were no longer under claim. Stuffed and sealed envelopes to be mailed out with the help of Debbie Selig, Linda Carrion and Valerie Kneefel.
19. Worked with Bill Durbin on finishing the plans and scheduling for the Virginia City Technical tour during the NAAML P Conference in October.
20. Spoke with Sarah Reeves regarding the upcoming NAAML P Conference in Squaw Valley. Details will need to be worked out with loading data on flash drives and payment for the V&T railroad trip.
21. Compiled a new map showing recent AML work completed in Nevada for reference and for potential use at the NAAML P Conference.
22. Completed two classroom presentations with Mike Visher at Miguel Sepulveda Elementary School. A Paste with a Taste was taught to two second grade classes of 19 and 21 students.
23. Attended the Education Committee meeting at the Nevada Mining Association in Reno.

AML / PUBLIC AWARENESS - SOUTH (BILL)

1. Participated in the bi-monthly conference calls for status and progress of AML closure projects in Clark, Lincoln, White Pine and Northern Nevada (BLM, USACOE and BOR).
2. Updating maps, photos and hazard inventory sheets for unsolicited securings received from Scorpio Gold – Mineral Ridge operations – Silver Peak, Esmeralda County.

3. Met with Krynn Williams, Lisa Kremer and Temple Mullen of the Clark County Real Property Management Department to discuss hazard issues and possible securing alternatives for the Gypsum Ridge/Arden Mine AML sites. Provided updated GIS maps, hazard inventory sheets and photographs of the sites. Discussed NDOM's AML program and the Clark County AML closures completed by the BOR crew.
4. Worked on photo/data matchups for Pete Herrera's Clark County AML re-visit program for sites covered during June and July 2011.
5. Conducted Clark County AML claim research in advance of the next round of notification letters.
6. Work on updating Clark, Lincoln and White Pine County AML claim research for returned notification letters.
7. Handled numerous requests for assistance and information in response to the latest round of AML notification letters.
8. Prepared project package for new Eagle Scout candidate Morgan Thompson (#152).
9. Completed edit of the 2010 AML report – returned to Mike.
10. Participated in a “welcome” meeting and tour for McCaw School of Mines adult docents. A total of 22 attended the meeting including 3 new prospective candidates. The McCaw School of Mines will have 6 PAL (Partnership at Las Vegas High School intern program) students this coming school year, an increase of 3. They will assist with Mine tours on Wednesday morning and mentor students at McCaw Elementary School in the afternoon.
11. Completed a Virginia City technical tour road guide for the NAAML P conference. Participated in conference call for updates, planning details and task assignments for the NAAML P Conference. Contacted Becky Purkey about providing a walking tour of Virginia City for the NAAML P Conference field trip.
12. Attended Nevada Mining Association education Committee meeting - Reno. Introduction of new chairman Katie Neddenreip (Barrick) and planning for 2012 Las Vegas teacher workshop.
13. Prepped handout and display materials for Spring Mountain Ranch State Park Pioneer Days (Sept. 24) and Henderson National Trail Days event (Oct. 1). Manned display at Spring Mountain Ranch Pioneer Days celebration. Display of minerals and commodities, Nevada mining and AML – visited by over 200 people.

GEOHERMAL (LOWELL)

1. Went to Magma's Soda Lake 44B-34 observation well for BOPE tests
2. Put together a table of all geothermal wells drilled in Nevada for Scott Nichols at US Geothermal. All confidential data, as well as permit numbers, were stripped from the table supplied to Scott. Data was requested for legislative information and comparisons to Oregon, Idaho, Utah, and California.
3. Wells drilling: Gradient Resources Patua 16-29 production; Gradient Resources Patua II 58-29 production well; Gradient Resources Patua 85-19 production well (rigging up); Ormat Nevada Tungsten Mountain TG 45-22; Ormat Nevada Dead Horse 54-11ST1; TGP Dixie Valley 58-22 observation well.
4. Reviewed OroVaca TG-2 and TG-3 permit applications and drilling programs. Proposed total depth is 500 feet. Locations are two townships east of the Osgood Mountains, east of Winnemucca, northwest of Battle Mountain. Alan approved.

5. Reviewed Magma Energy's for change in drilling program for the Soda Lake 44B-34 observation well. Received BLM notification of approval. Alan approved.
6. Reviewed US Geothermal's sundry notice for a change in drilling program. Alan approved.
7. Reviewed Ormat Nevada's transfer of permit application for the Dixie Meadows 42(12)-19 observation well from TGP Dixie Development to Ormat Nevada. Alan approved.
8. Reviewed Ormat Nevada's sundry notice to change out the well head on the Desert Peak 27-15 production well. Alan approved.
9. Reviewed Ormat Nevada's sundry notice to perform a well stimulation on the Desert Peak 27-15 production well. Referred matter to Russ Land at UIC for his approval. Russ is seeking further clarification of the procedure. Asked Ormat Nevada to set up a meeting with Russ and I to discuss the procedure.
10. Reviewed TGP Dixie Development's sundry notice to modify the drilling program for the Coyote Canyon 58-22 observation well. Received notification of approval from the BLM. Alan approved.
11. Reviewed Gradient Resources sundry notice to perform a well stimulation on the Patua 88(18-20)-19 production well. Discussed matter with Russ Land at UIC and John Menghini at BLM. NDOM, UIC, and BLM want further clarification of injection pressures to be used.
12. Wells drilling: Gradient Resources Patua 85-19 production well (rigging up RD3 drill rig); Gradient Resources Patua II 58-29 production well; TGP Dixie Valley 58-22 observation well; Magma Energy Soda Lake 44B-34 observation well; US Geothermal San Emidio OW-6 observation well.
13. Reviewed OroVaca HSR TG-1 sundry notice to re-classify temperature gradient hole to an observation well, with associated revised drilling program. New proposed total depth is 2,000 feet. Well renamed to HSR OH83-35. Alan approved.
14. Retrieved and scanned all sundries related to 31 wells in the Jersey Valley, McGinness Hills, and Hot Sulfur Springs (Tuscarora) Project Areas for Ormat Nevada. Forwarded scans to Randy Peterson.
15. Reviewed Magma Energy's sundry notice to prep well and pull production pump from Soda Lake 41B-33 production well. Alan approved.
16. Gave a geothermal activity presentation to the Kiwanis Club of Carson Valley.
17. Wells drilling: Gradient Resources Patua 85-19 production well; Gradient Resources Patua II 58-29 production well; TGP Dixie Valley 58-22; Magma Energy Soda Lake 44B-34 observation well; US Geothermal San Emidio OW-6 observation well; ORNI 15 (Ormat Nevada) Jersey Valley 14-34 injection well; Ormat Nevada Dixie Hope 42(12)-9 production well (rigging up GeoDrill #1).
18. Reviewed Ormat Nevada's sundry notice to perform a well stimulation in the Desert Peak 27-15 production well. Doug approved.
19. Reviewed Ormat Nevada's McGinness Hills 28B-10 production well permit application and drilling program.
20. Reviewed US Geothermal's sundry notice to reclassify the 18-10A production well permit to an observation well permit. Well is on a Federal lease. Waiting on BLM approval for the reclassification.
21. Wells drilling: Gradient Resources Patua 85-19 production well; Gradient Resources Patua II 58-29 production well; TGP Dixie Valley 58-22 observation well; Magma

Energy Soda Lake 44B-34 observation well; US Geothermal San Emidio OW-8 observation well; ORNI 15 (Ormat Nevada) Jersey Valley 14-34 injection well; Ormat Nevada Dixie Hope 42(12)-9 production well; HSS II (Ormat Nevada) Tuscarora 87A-5 production well (rigging up GeoDrill 3).

22. Reviewed Ormat Nevada's Dead Horse 24A-6 observation well permit application and drilling program.
23. Reviewed Ormat Nevada's Steamboat Hills 41-5 production well permit application and drilling program.
24. Reviewed Ormat Nevada's ORNI 15 (Jersey Valley) sundry notices to perform well stimulations on the 81-28 observation well and the 81A-28 injection well. Will be discussing the procedure with John Menghini, BLM, and Russ Land, UIC.
25. Reviewed TGP Dixie Developments sundry notice to deepen the Coyote Canyon 58-22 approved total depth of 9,500 feet to 10, 500 true vertical feet. Doug approved.
26. Wells drilling: Gradient Resources Patua 85-19 production well; Gradient Resources Patua II 58-29 production well; TGP Dixie Valley 58-22 observation well; Magma Energy Soda Lake 44B-34 observation well; Magma Energy Soda Lake 46A-20 observation well; US Geothermal San Emidio OW-8 observation well; ORNI 15 (Ormat Nevada) Jersey Valley 14-34 injection well; Ormat Nevada Dixie Hope 42(12)-9 production well; HSS II (Ormat Nevada) Tuscarora 87A-5 production well.

OIL AND GAS (LOWELL)

1. Attended the BLM Oil and Gas Lease Sale on September 13th. The sale was quite active, with 66 of the 106 parcels selling. Bids for leases ranged from \$2.00/acre to \$80.00/acre. The final results were:
NEVADA STATE OFFICE
Oil and Gas Competitive Lease Sale Results Summary
SEPTEMBER 13, 2011
 1. PARCELS OFFERED: 106
 2. ACRES OFFERED: 215,630.640
 3. PARCELS SOLD: 66
2. Reviewed Tetuan Resources permit application and drilling program for the Marys River 34-26.
3. Drilling or completion activities: HBF Charity #2; VF Neuhaus East Hogback 31-2; Desert Discoveries/Independence Drilling Paradise 2-12.

OTHER (LOWELL)

1. Alan, John Snow, and I met Ken Bonin and Virgil Welch, both with Gradient Resources, at Gradient Resources Patua 58-29 production well location on September 29th. Ken and Virgil gave us a tour of the Rocket Drillco #4 triple rig and the drilling location.